



# Maximizing Hours in a Day

Effectively using – Job Scheduling

Presented by  
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# Hampton University Profile

- Historically Black University
- Located in the Hampton Roads area of Virginia
- Total Enrollment: 6000
- Full time Students: 4500
- Funds Awarded : \$63 mill





# Key Players

- Financial Aid ( Dataload process, Loan processing & Oracle Reports)
- Finance (GL& Organization detail, Positive Pay, FTP, Automate Student Accounts feed, Run and print Oracle Control Report on a monthly basis)
- Student (Transcript Generation, Clearing House Submission)
- Student Accounts (Sallie Mae , Student accounts feeds to finance GL)



# What is Appworx?

- Appworx is software for enterprise application scheduling and automation
- Benefits
  - Initiation/tracking ERP jobs
  - Passing dynamic input parameters
  - Capturing, registering and distributing output
  - Accurate determination of job success or failure
  - Interfaces are objects: reusable, maintainable
  - Java user interface (ease of use )
  - More control of ERP processes





# Why did HU choose Appworx?

- Automated Batch Processing and Report generation
- Preventing Server Overload
- Automatic Report Distribution
- Automated Migration





# Key Appworx Terms

- Agents
- Modules
- Chains
- Calendars
- Application Groups





# Appworx Screenshots



# First Look

The screenshot shows the AppWorx interface with the following components and callouts:

- Backlog:** A table listing jobs in the queue, including Job ID, Module, Start Date, and Status.
- History:** A table listing completed jobs, including Job ID, Module, Start Date, and Status.
- Chain:** A tree view on the left showing the hierarchy of application groups and modules.
- Application Groups:** A callout pointing to the 'LOAD\_ESAR\_TAP\_FILES' group in the chain.
- Modules:** A callout pointing to individual modules like 'RCBTP06\_DATALOAD\_IDGSA' within a chain.
- Explorer window:** A callout pointing to the left-hand tree view.

Queue	Job ID	L	D	Module	Start Date	Started	Elapsed	Status	Agent	Requestor	Chain
FINAID	18389			PROCESS_IDSA_FILES	10-11-00	11:00	00:00:01	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18390			PROCESS_IGSA_FILES	10-11-00		00:00:00	PRED WAIT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18391			PROCESS_IGSG_FILES	10-11-00		00:00:00	PRED WAIT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18392			PROCESS_ISRF_FILES	10-11-00		00:00:00	PRED WAIT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18393			RCBTP06_DATALOAD_IDGSA	10-11-00	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18394			RCBTP06_DATALOAD_IGSA	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18395			RCBTP06_DATALOAD_IGSG	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18396			RCBTP06_DATALOAD_ISRF	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18397			RCPMTCH_DATALOAD_IDGSA	10-11-00	11:00	00:06:54	RUNNING	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES

Queue	Job ID	L	D	Module	Start Date	Finished	Elapsed	Status	Agent	Requestor	Chain
FINAID	18383			RCBTP06_DATALOAD_...	04-10-06	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18385			FTP_IDSA_FILES	04-10-06	11:00	00:00:00	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18389			PROCESS_IDSA_FILES	04-10-06	11:00	00:00:01	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
BATCH	18383	Y		TEST_MODULE	04-10-06	10:59	00:00:06	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINANCE	18373	Y		GXFPP01_DELAY	04-10-06	08:11	00:01:01	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES



# Appworx Chain Options

AppWorx Master: AWPRD User: HUFINAID Hampton University

File Operations Object Admin Options View Help

Explorer

Backlog  
Ad Hoc  
Agents  
Queues  
BATCH  
BANNER  
FINAID  
EXPRESS  
FINANCE  
PAYROLL  
STUDENT  
PRIORITY  
STUACCTS  
Chains  
GXFP01  
LOAD\_ESAR\_TAP\_FILES

FTP\_IDSA\_FILES  
FTP\_IGSA\_FILES  
FTP\_ISRF\_FILES  
PROCESS\_IDSA\_FILES  
PROCESS\_IGSA\_FILES  
PROCESS\_IGSG\_FILES  
PROCESS\_ISRF\_FILES  
RCBTP06\_DATALOAD\_IDSA  
RCBTP06\_DATALOAD\_IGSA  
RCBTP06\_DATALOAD\_IGSG  
RCBTP06\_DATALOAD\_ISRF  
RCPMTCH\_DATALOAD\_IDSA  
RCPMTCH\_DATALOAD\_IGSA  
RCPMTCH\_DATALOAD\_IGSG  
RCPMTCH\_DATALOAD\_ISRF  
RCRTP06\_DATALOAD\_IDSA  
RCRTP06\_DATALOAD\_IGSA  
RCRTP06\_DATALOAD\_IGSG  
RCRTP06\_DATALOAD\_ISRF  
RENAME\_IDSA\_FILES  
RENAME\_IGSA\_FILES  
RENAME\_IGSG\_FILES  
RENAME\_ISRF\_FILES  
RENAME\_UNIX\_IDSA  
RENAME\_UNIX\_IGSA  
RENAME\_UNIX\_IGSG  
RENAME\_UNIX\_ISRF  
RUN\_MASTER\_FINAID

Status  
Waiting  
Running  
Hold  
Aborted

00:00:00 EDT Refreshed 04-10-2006 11:14:39 EDT 04-10-2006 11:14:50 EDT

Explorer RCBTP06\_DATALOAD\_ID...

**LOAD\_ESAR\_TAP\_FILES**

Queue	Job ID	L	D	Module	Start Date	Started	Elapsed	Status	Agent	Requestor	Chain
FINAID	18385			FTP_IDSA_FILES	10-11-00	11:00	00:00:00	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18386	Y		FTP_IGSA_FILES	10-11-00	11:14	00:00:01	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18387	Y		FTP_IGSG_FILES	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18388	Y		FTP_ISRF_FILES	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18384			LOAD_ESAR_TAP_FILES	10-11-00	11:00	00:14:29	INITIATED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18389			PROCESS_IDSA_FILES	10-11-00	11:00	00:00:01	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18390	Y		PROCESS_IGSA_FILES	10-11-00	11:14	00:00:00	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18391	Y		PROCESS_IGSG_FILES	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18392	Y		PROCESS_ISRF_FILES	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18393			RCBTP06_DATALOAD_IDSA	10-11-00	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18384	Y		RCBTP06_DATALOAD_IGSA	10-11-00	11:14	00:00:05	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18395	Y		RCBTP06_DATALOAD_IGSG	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES

History

Queue	Job ID	L	D	Module	Start Date	Finished	Elapsed	Status	Agent	Requestor	Chain
FINAID	18394	Y		RCBTP06_DATALOAD_IDSA	04-10-06	11:14	00:00:05	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18386	Y		FTP_IGSA_FILES	04-10-06	11:14	00:00:01	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18390	Y		PROCESS_IGSA_FILES	04-10-06	11:14	00:00:00	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18405	Y		RENAME_IDSA_FILES	04-10-06	11:14	00:00:01	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18409	Y		RENAME_UNIX_IDSA_FILES	04-10-06	11:14	00:00:01	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18401	Y		RCRTP06_DATALOAD_IDSA	04-10-06	11:14	00:02:25	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18397			RCRTP06_DATALOAD_IGSA	04-10-06	11:11	00:10:58	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18393			RCBTP06_DATALOAD_IDSA	04-10-06	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18385			FTP_IDSA_FILES	04-10-06	11:00	00:00:00	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18389			PROCESS_IGSA_FILES	04-10-06	11:00	00:00:01	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
BATCH	18383	Y		TEST_MODULE	04-10-06	10:59	00:00:06	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINANCE	18373	Y		GXFP01_DELAY	04-10-06	08:11	00:01:01	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES

Filter Apply Query

Job Details  
Prompts  
Predecessors  
Flow Diagram  
Conditions  
Notes  
Output  
Log  
Log Query



# Chain in Hold Status

AppWorx Master: AWPRD User: HUFINAID Hampton University

File Operations Object Admin Options View Help

Explorer

Backlog  
Ad Hoc  
Agents  
Queues  
BATCH  
BANNER  
FINAID  
EXPRESS  
FINANCE  
PAYROLL  
STUDENT  
PRIORITY  
STUACCTS  
Chains  
GXFP01  
LOAD\_ESAR\_TAP\_FILES  
FTP\_IDSA\_FILES  
FTP\_IGSA\_FILES  
FTP\_IGSG\_FILES  
FTP\_ISRF\_FILES  
PROCESS\_IDSA\_FILES  
PROCESS\_IGSA\_FILES  
PROCESS\_IGSG\_FILES  
PROCESS\_ISRF\_FILES  
RCBTP06\_DATALOAD\_IDSA  
RCBTP06\_DATALOAD\_IGSA  
RCBTP06\_DATALOAD\_IGSG  
RCBTP06\_DATALOAD\_ISRF  
RCRTP06\_DATALOAD\_IDSA  
RCRTP06\_DATALOAD\_IGSA  
RCRTP06\_DATALOAD\_IGSG  
RCRTP06\_DATALOAD\_ISRF  
RENAME\_IDSA\_FILES  
RENAME\_IGSA\_FILES  
RENAME\_IGSG\_FILES  
RENAME\_ISRF\_FILES  
RENAME\_UNIX\_IDSA  
RENAME\_UNIX\_IGSA  
RENAME\_UNIX\_IGSG  
RENAME\_UNIX\_ISRF  
RUN\_MASTER\_FINAID

LOAD\_ESAR\_TAP\_FILES

Queue	Job ID	L	D	Module	Start Date	Started	Elapsed	Status	Agent	Requestor	Chain
FINAID	18384			LOAD_ESAR_TAP_FILES	10-11-00	11:00	00:09:48	INITIATED	AWPRD	HUFINAID	
FINAID	18385			FTP_IDSA_FILES	10-11-00	11:00	00:00:00	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18386	Y		FTP_IGSA_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18387	Y		FTP_IGSG_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18388	Y		FTP_ISRF_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18389			PROCESS_IDSA_FILES	10-11-00	11:00	00:00:01	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18390	Y		PROCESS_IGSA_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18391	Y		PROCESS_IGSG_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18392	Y		PROCESS_ISRF_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18393			RCBTP06_DATALOAD_IDSA	10-11-00	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18394	Y		RCBTP06_DATALOAD_IGSA	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18395	Y		RCBTP06_DATALOAD_IGSG	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18396	Y		RCBTP06_DATALOAD_ISRF	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18397			RCRTP06_DATALOAD_IDSA	10-11-00	11:00	00:09:15	RUNNING	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18398	Y		RCRTP06_DATALOAD_IGSA	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18399	Y		RCRTP06_DATALOAD_IGSG	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18400	Y		RCRTP06_DATALOAD_ISRF	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18401	Y		RCRTP06_DATALOAD_IDSA	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18402	Y		RCRTP06_DATALOAD_IGSA	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18403	Y		RCRTP06_DATALOAD_IGSG	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18404	Y		RCRTP06_DATALOAD_ISRF	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18405	Y		RENAME_IDSA_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18406	Y		RENAME_IGSA_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18407	Y		RENAME_IGSG_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18408	Y		RENAME_ISRF_FILES	10-11-00		00:00:00	HOLD PRED WT	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18409	Y		RENAME_UNIX_IDSA	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18410	Y		RENAME_UNIX_IGSA	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18411	Y		RENAME_UNIX_IGSG	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18412	Y		RENAME_UNIX_ISRF	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18413	Y		RUN_MASTER_FINAID	10-11-00		00:00:00	HOLD PRED WT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES

History

Queue	Job ID	L	D	Module	Start Date	Finished	Elapsed	Status	Agent	Requestor	Chain
FINAID	18393			RCBTP06_DATALOAD_...	04-10-06	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18385			FTP_IDSA_FILES	04-10-06	11:00	00:00:00	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18389			PROCESS_IDSA_FILES	04-10-06	11:00	00:00:01	FINISHED	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
BATCH	18383	Y		TEST_MODULE	04-10-06	10:59	00:00:06	FINISHED	RMTPROD		
FINANCE	18373	Y		GXFP01_DELAY	04-10-06	08:11	00:01:01	FINISHED	RMTPROD	HUFINANCE	GXFP01

00:00:00 EDT Refreshed 04-10-2006 11:09:58 EDT 04-10-2006 11:09:59 EDT

Explorer



# Completed Job Window

AppWorx Master: AWPRD User: HUFINAID Hampton University

File Operations Object Admin Options View Help

Explorer

Backlog

Queue	Job ID	L	D	Module	Start Date	Started	Elapsed	Status	Agent	Requestor	Chain
FINAID	18397			RCBTP06_DATALOAD_IDS	10-11-00	11:00	00:02:42	<b>RUNNING</b>	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINANCE	18372			GXFPP01	10-08-00	08:00	03:03:21	<b>INITIATED</b>	AWPRD	HUFINAN...	
FINAID	18384			LOAD_ESAR_TAP_FILES	10-11-00	11:00	00:03:15	<b>INITIATED</b>	AWPRD	HUFINAID	
FINANCE	18375			GXFPP01_FTP	10-08-00		00:00:00	<b>PRED WAIT</b>	RMTPROD	HUFINAN...	GXFPP01
FINAID	18386			FTP_IGSA_FILES	10-11-00		00:00:00	<b>PRED WAIT</b>	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18387			FTP_IGSG_FILES	10-11-00		00:00:00	<b>PRED WAIT</b>	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18388			FTP_ISRF_FILES	10-11-00		00:00:00	<b>PRED WAIT</b>	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18390			PROCESS_IGSA_FILES	10-11-00		00:00:00	<b>PRED WAIT</b>	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18391			PROCESS_IGSG_FILES	10-11-00		00:00:00	<b>PRED WAIT</b>	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18392			PROCESS_ISRF_FILES	10-11-00		00:00:00	<b>PRED WAIT</b>	RMTPROD	HUFINAID	LOAD_ESAR_TAP_FILES

Job Details: RCBTP06\_DATALOAD\_IDS Job ID 18393

General Prompts Predecessors Flow Diagram Conditions Notes Output Log Log Query

Module: RCBTP06\_DATALOAD\_IDS Max Run Time: 000:00:00

User: HUFINAID Priority: 50

Job ID: 18393 Login: HUFINAID

Chain Name: LOAD\_ESAR\_TAP\_FILES Queue Name: FINAID

Chain Order No.: 9 Agent: AWPRD

Request Date: 04-10-2006 11:00:03 EDT Start Date: 04-10-2006 11:00:00 EDT

Started: 04-10-2006 11:00:28 EDT Printer:

Ended: 04-10-2006 11:00:40 EDT Print Option:

Status: FINISHED Output: STORE

Process ID: 27682 Copies: 1

Restart on Abort

00:00:00 EDT Refreshed 04-10-2006 11:03:25 EDT 04-10-2006 11:03:32 EDT

Explorer RCBTP06\_DATALOAD\_ID...



# Appworx Output

AppWorx Master: AWPRD User: HUFINAID Hampton University

File Operations Object Admin Options View Help

Explorer

File Edit Filter View

- Backlog
- Ad Hoc
- Agents
  - BATCH
  - BANNER
  - FINAID
  - EXPRESS
  - FINANCE
  - PAYROLL
  - STUDENT
  - PRIORITY
  - STUACCTS
- Chains
  - GXFPP01
  - LOAD\_ESAR\_TAP\_FILES
    - FTP\_IDSA\_FILES
    - FTP\_IDSA\_FILES
    - FTP\_IGSG\_FILES
    - FTP\_ISRF\_FILES
    - PROCESS\_IDSA\_FILES
    - PROCESS\_IGSG\_FILES
    - PROCESS\_ISRF\_FILES
    - RCBTP06\_DATALOAD\_IDSA
    - RCBTP06\_DATALOAD\_IGSA
    - RCBTP06\_DATALOAD\_IGSG
    - RCBTP06\_DATALOAD\_ISRF
    - RCPMTCH\_DATALOAD\_IDSA
    - RCPMTCH\_DATALOAD\_IGSA
    - RCPMTCH\_DATALOAD\_IGSG
    - RCPMTCH\_DATALOAD\_ISRF
    - RCRTP06\_DATALOAD\_IDSA
    - RCRTP06\_DATALOAD\_IGSA
    - RCRTP06\_DATALOAD\_IGSG
    - RCRTP06\_DATALOAD\_ISRF
    - RENAME\_IDSA\_FILES
    - RENAME\_IGSA\_FILES
    - RENAME\_IGSG\_FILES
    - RENAME\_ISRF\_FILES
    - RENAME\_UNIX\_IDSA
    - RENAME\_UNIX\_IGSA
    - RENAME\_UNIX\_IGSG
    - RENAME\_UNIX\_ISRF
    - RUN\_MASTER\_FINAID
- Status
  - Waiting
  - Running
  - Hold
  - Aborted

LOAD\_ESAR\_TAP\_FILES

Queue	Job ID	L	D	Module	Start Date	Started	Elapsed	Status	Agent	Requestor	Chain
FINAID	18393			RCBTP06_DATALOAD_IDSA	10-11-00	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18394	Y		RCBTP06_DATALOAD_IGSA	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18395	Y		RCBTP06_DATALOAD_IGSG	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18396	Y		RCBTP06_DATALOAD_ISRF	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18397			RCPMTCH_DATALOAD_IDSA	10-11-00	11:00	00:10:58	FINISHED	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18398	Y		RCPMTCH_DATALOAD_IGSA	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18399	Y		RCPMTCH_DATALOAD_IGSG	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18400	Y		RCPMTCH_DATALOAD_ISRF	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18401	Y		RCRTP06_DATALOAD_IDSA	10-11-00	11:11	00:02:05	RUNNING	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18402	Y		RCRTP06_DATALOAD_IGSA	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18403	Y		RCRTP06_DATALOAD_IGSG	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES
FINAID	18404	Y		RCRTP06_DATALOAD_ISRF	10-11-00		00:00:00	PRED WAIT	AWPRD	HUFINAID	LOAD_ESAR_TAP_FILES

Histo...

Apply Filter Apply Query

Queue	Job ID	L	D	Module	Start Date	Finished	Elapsed	Status	Agent	Requestor	Chain
FINAID	18397			RCPMTCH_DATALOAD_IDSA	04-10-06	11:11	00:10:58	FINISHED	AWPRD	HUFINAID	LOAD_E
FINAID	18393			RCBTP06_DATALOAD_IDSA	04-10-06	11:00	00:00:12	FINISHED	AWPRD	HUFINAID	LOAD_E
FINAID	18385			FTP_IDSA_FILES	04-10-06	11:00	00:00:00	FINISHED	RMTPROD	HUFINAID	LOAD_E
FINAID	18389			PROCESS_IDSA_FILES	04-10-06	11:00	00:00:01	FINISHED	RMTPROD	HUFINAID	LOAD_E
BATCH	18383	Y		TEST_MODULE	04-10-06	10:59	00:00:06	FINISHED	RMTPROD		
FINANCE	18373	Y		GXFPP01_DELAY	04-10-06	08:11	00:01:01	FINISHED	RMTPROD	HUFINANCE	GXFPP01

Job Details: RCPMTCH\_DATALOAD\_IDSA Job ID 18397

General Prompts Predecessors Flow Diagram Conditions Notes Output Log Log Query

Print

Job ID	Module	Filename
18397	RCPMTCH_DATALOAD_IDSA	o18397.00
18397	RCPMTCH_DATALOAD_IDSA	rcpmtch_537983.log
18397	RCPMTCH_DATALOAD_IDSA	rcpmtch_537983.lis

View...

OK Apply Cancel Help

00:00:00 EDT 0-2006 11:13:49 EDT

Explorer RCBTP06\_DATALOAD\_ID... RCPMTCH\_DATALOAD\_I...





# Recommendations

- Identify solid technical resource
- Make someone responsible
- Document everything
- Include a trainer
- Cannot cross “swim lanes”
- Use chains to migrate chains!
- Separation of duties
- Minimal Chain Nesting
- Be Descriptive!
- Start Early! 😊



# Is it Perfect?

- It's software, isn't it?
- Security (roles vs. options)
- Refresh behavior
- Explorer bug (slide bar)
- Can't rename a chain or module
  - Forecast bugs
  - Display
  - Print Freeze





# Questions?





# Contact

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**Thank You !**

